ROZENSHTMAUKH, L.S., kand. med. mauk.; LEBEMEVA, A.T.; KUTUKOVA, Ye.A. (Hoskva, ul. Pushkinskaya, d. 20/5, kv. 1.)

X-ray diagnosis of pericardial cysts. Nov. khir. arkh. 5:80-85 s-0 158. S-0 158.

ing ang paggarang pa

1. Kafedra rentgenologii II (zav.- prof. Yu.N. Sokolov) TSentral'nogo instituta usovershenstvovaniya vrachey, 1-ya khirurgicheskaya
klinika (gav. - dots. N.I. Makhov) i rentgenologicheskiy otdel (sav.dots. V.I. Petrov) Moskovskogo oblastnogo nauchno-issledovatel'skogo
klinicheskogo instituta.

(PERICARDIUM--RADIOGRAPHY) (CYSTS)

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MAKHOV, N.I., dots., KUTUKOVA, Ye.A., mladshiy nauchnyy sotrudnik.

Acute intestinal obstruction; based on cases from the Moscow Province Research Clinical Institute (1953-1957). Mirurgiia 34 no.7:10-14 J1 \*58 (MIRA 11:9)

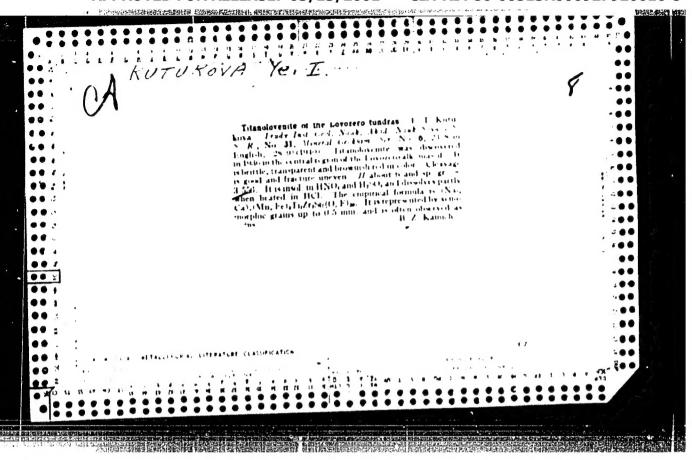
1. Iz I khirurgicheskoy kliniki (sav. - dots. N.I. Makhov)
Moskovskogo oblastnogo nauchno-issledovateliskogo klinicheskogo
instituta (dir. - kand.med.nauk P.M. Leonenko).

(INTESTINES OBSTRUCTION, case reports
surg. & results (Rus))

KUTUKOVA, Ye.A.

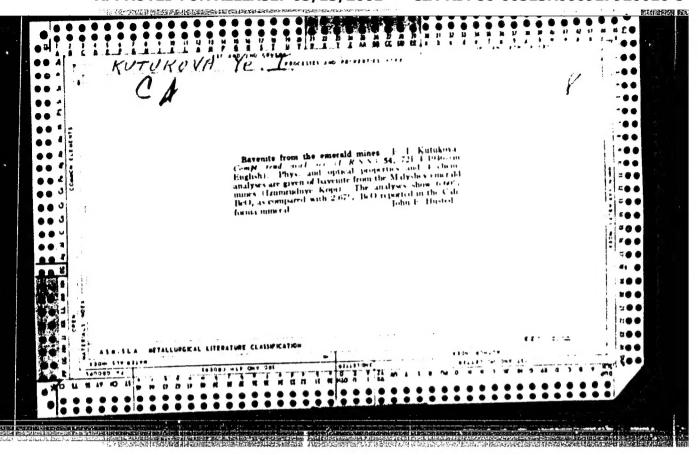
Tumors of the anterior mediastinum. Vop. klin. pat. no.2: 52-60 '61 (MIRA 16:12)

1. Iz 1-y khirurgicheskoy kliniki (zav. - dotsent N.I.Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo.



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#### CIA-RDP86-00513R000927920016-5



KUTUKOVA, Ye.I.

Bertrandite from the Central Urals. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:74-78 '59. (MIRA 14:5) (Ural Mountains -Bertrandite)

KUTUKOVA, Ye.I.

Margarite containing beryllium from the Contral Urals. Trudy Inst.
min., geokhim. i kristallokhim. red. elem. no. 3:79-84 199.

(WIRA Meuntains—Beryllium) (Ural Mountains—Margarite)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920016-5"

VLASOV, Kuz'ma Alekseyevich; KUTUKOYA, Yevgeniya Ivanovne; SERDYUCHENKO,
D.P., prof., doktor geologo-minoral.nauk, otv.red.; GODOVIKOYA,
L.A., red.izd-ve; POLYAKOYA, T.V., tekhn.red.

[Emerald deposits] Isumrudnye kopi. Moskva, Izd-vo Akad.nauk
SSSR, 1960. 249 p. (Mmeralds)

KUTUKOVA, Ye.I.

Interrelationship of intersecting and nonintersecting pagmatites and pneumatolytic-hydrothermal veins. Trudy IMGRE no.16:126-136 '63. (MIRA 16:8)

HILINSKI, Romiald, KUTULAS, Kryatyna; PRZECIECHOMOFA, Irena

A study of the nutritional value of beans. Ann. Univ. Lablin sect. D 19:125-123 ' 64.

1. Katedra i Zarlad Nauki o Srodkach Spozywczych i Higieny Zywenie, Wydział Farmaceutyczny AM w Lublinie (Kierownika prof. dr. Alfred Travinski).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920016-5"

TSUKERMAN, S.V.; KUTULYA, L.A.; LAVRUSHIN, V.F.

Spectra and halochronism of dibenzylidenecyclonlkanones and their thiophene and furan analogs. Zhur. cb. khim. 34 no.112 3597-3605 N 164 (MIRA 1821)

1. Kharikevskiy gosudarstvennyy universitet imeni Gerik go.

TSUKERMAN, S.V.; KUTULYA, L.A.; NIKITCHENKO, V.M.; LAVRUSHIN, V.F.

Basicity and structure of a, \( \beta\) -unsaturated heterocyclic ketones. Part 1: Basicity of the thichene analogs of chalcone. Zhur.ob. khim. 33 no.10:3180-3186 0 163.

Basicity and structure of a pursaturated heterosphic ketones.

Part 2: Thiophene analogs of 1,5-diphenylpentadienones. 3186-3191 (MIRa 16:11)

1. Khar kovskiy gosudarstvennyy universitet imeni A.M.Gor kogo.

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TSUKFRMAN, S.V.; KUTULYA, L.A.; SUROV, Yu.N.; LAVPUEHIN, V.F.; YUR'YEV, Yu.K.

Basicity of furan, thiophene, and selenophene analogs of chalcone. Dokl. AN SSSR 164 no.2:354-356 S '65. (MIRA 18:9)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo i Moskovskiy gosudarstvennyy universitet. Submitted March 1, 1965.

KUTUMOV, Mikhail Il'ich, agronom; MYAGKOV, M.M., redaktor; RAKOV, S.I., tekhnicheekiy redaktor.

[How we disseminate the practices of leading workers] Kak my rasprostraniaem opyt peredovikov. [Moskva] Izd-vo VTsSPS Profizdat, 1956. 68 p. (MLRA 10:6)

l. Predsedatel' komissii po proisvodstvenno-massovoy rabote rabochkoma sovkhoza imeni Maksima Gor'kogo, Moskovskoy oblasti(for Kutumov)

(Agriculture)

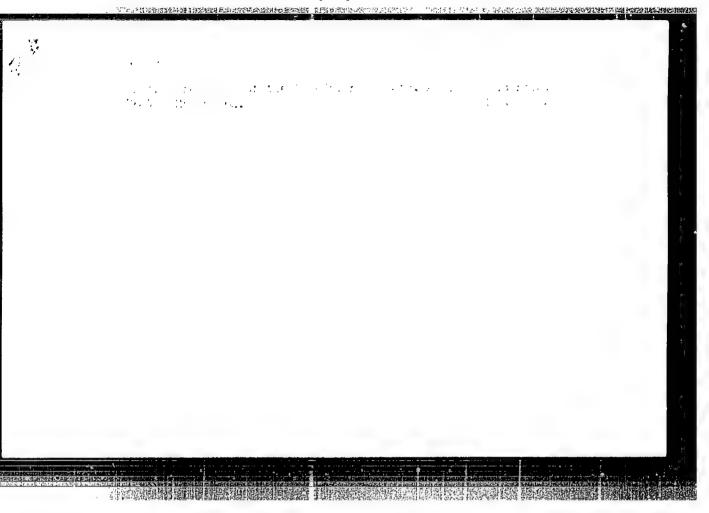
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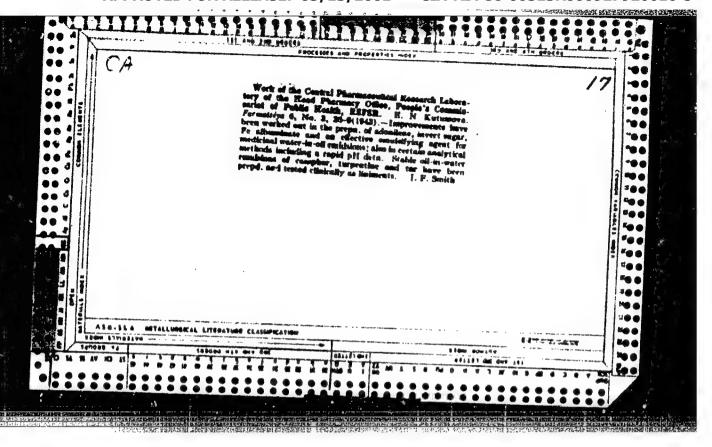
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ANTICOPROMININA PROGRAMA PORTUGUAR ANTICO DE PORTUGUAR PORTUGUAR PORTUGUAR DE PO

BELOVA. O.I.: NOLLE, Ya.Kh., professor, saveduyushchiy farmakologicheskoy laboratoriyey; KUTUMOVA, Ye.M., direktor, zaveduyushchaya Tsentral'nym nauchno-issledovatel'skim aptechnym institutom.

Liquid extract of Magnolia grandiflora as a new drug. Apt.delo 2 no.2:65-66 Mr-Ap '53. (MLRA 6:5)

1. Farmakologicheskaya laboratoriya Tsentral'nogo nauchno-issledovatel'skogo aptechnogo instituta Ministerstva sdravookhraneniya RSFSR. (Magnolia) (Hypertension) (Drugs)

SEMENYCHEVA, A.A.; GORYAINOVA, N.S., kandidat knimicheskikh nunk, zuvednyushchiy; KUTUMOVA, Ye.N., direktor.

Quantitative determination of atropine sulfate in eye drops. apt.delo no.4: 18-21 J1-Ag 153. (MLRA 6:8)

1. Laboratoriya farmatsevticheskogo analiza TSentral'nogo nauchao-issledo-vatel'skogo aptechnogo instituta Ministeratva zdravookhraneniya RSFSR (for Semenycheva and Goryainova). 2. TSentral'nyy nauchno-isoledovatel'skiy aptechnyy institut Ministeratva zdravookhraneniya RSFSR (for Kitumova).

(Sulfates) (Atropine)

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CIA-RDP86-00513R000927920016-5

Studying the structural and mechanical properties of pastelike productions used in medical practice. Report No. 1. Determining the effective degree of viscosity. Apt.delo 5 no.6:11-15 N-D '56.

(MLM 10:1)

1. Is laboratorii fizicheskoy khimii (rukovoditel' - prof. N.A. Figurovskiy) TSentral'nogo mauchno-issledovatel'skogo aptechnogo instituta Ministerstva Edravookhraneniya SSSR.

(OINTHENNS)

Studying the structural and mechanical properties of ointments used in medical practice. Report no.2. Apt.delo 6 no.2:10-14 Mr-Ap '57. (MINA 10:6)

1. Is laboratorii fixicheskoy khimii (rukovoditel' - prof. N.A. Figurovskiy) Tšentral'nogo mauchn-issledovatel'skogo aptechnogo instituta Ministerstve zdravookhranentys SSSR. (OIFTMENTS)

MARGOLIN, Samuil Yevseyevich, OSADCHENKO, P.I.; FLEKSER, M.G.; KUTUNOVA, Ye.H., red.; POLIYAKOV, H.G., red.

[Manual for clerks in drugstores and other pharmacy enterprices]
Spravochnik dlia rabotnikov ruchnoi prodashi v aptekakh i
drugikh aptechnykh uchreshdeniakh pod red. H.H.Kutumovol i
H.Q.Poliakova. Moskva, Medgis, 1958. 227 p. (NIRA 12:5)
(IRUOS)

KUTUMOVA, Ye, N., otv.red.; SHILOV, Yu.M., kend.farmats.nauk, zamestitel' otv.red.; GORYAINOVA, N.S., kand.khim.nauk; red.; POLYAKOV, N.G., doktor med.nauk, red.; SEDOVA, K.D., kand.farmats.nauk, red.; POLIN, A.N., red.; BOGACHEVA, Z.I., tekhn.red.

[Some problems in materia medica; collection of works of the Central Pharmaceutical Research Institute of the Ministry of Public Health of the U.S.S.R.] Nekotorye voprosy lekerstvovedeniia; sbornik rabot TSentral nogo aptechnogo nauchno-issledovatel skogo instituta M-va zdravookhraneniia SSSR. Moskva, Gos.izd-vo med.lit-ry, 1959.
142 p. (MIRA 13:4)

1. Iz laboratorii farmekologii TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta Ministerstva zdravookhraneniya SSSR (for Polyakov).

(MATERIA MEDICA)

KUTUMOVA, Ye.N., kami.farnatsevticheskikh nauk; SHILOV, Yu.N.

Activity of the Central Pharmaceutical Research Institute in 1957 and 1958. Apt.delo 8 no.2:8-13 Mr-Ap '59.

1. Direktor TSentral'nogo aptechnogo nauchno-issledovatel'-skogo instituta (for Kutumova). 2. Zamestitel' direktora TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta po nauchnoy chasti (for Shilor).

(PHARMACEUTICAL RESEARCH)

KUTUMOVA, Ye.N.

At the All-Union Pharmaceutical Society. Apt. delo 9 no. 5:75.78 S-0 '60. (MIRA 13:10)

1. General'nyy sekretar' Vsesoyuznogo nauchnogo farmatsevticheskogo obshchestva.

(PHARMACEUTICAL SOCIETIES)

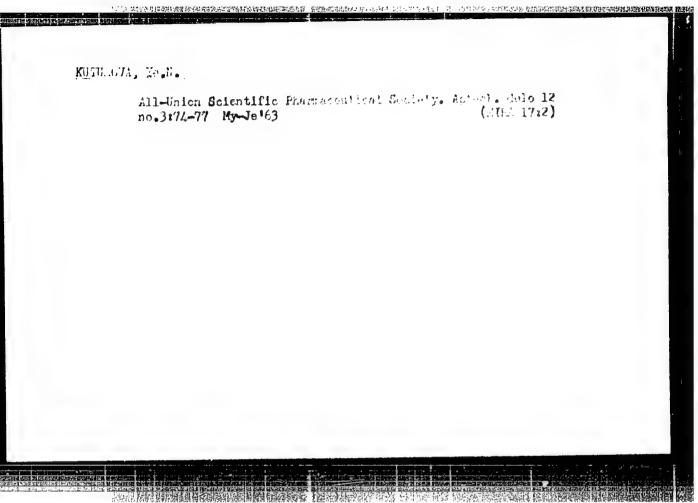
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BLAGOVIDOVA, Yu.A., dots., otv. red.; MEL'LICHEREO, A.K., zam. otv. red.; GARMER AN, A.F., prof., red.; KUTUROVA, Ye.M., red.; SEDOVA, K.D., kard. farm. nauk, red.; SEMOV, F.L., prof., red.; SIDORKOV, A.M., red.; STETCYUK, A.M., red.; SHILOV, Yu.M., kand. farm. nauk, red.; KHALETSKIY, A.M., prof., red.

[Materials of the Second All-Union Conference of Fharmacists] Enterialy Vtoroi Vsesoluznoi konferentsii farmatsevtov. Moskva, Medgiz, 1961. 394 p. (MIRA 17:7)

1. Vsesoyuznaya konferentsiva farmatsevtov, 2d, Leningrad, 1959.

2. Kafedra tekhnologii lekarutv I Moskovakogo meditsinskogo instituta im. I.M. Sechenova (for Blagovidova). 3. Direktor Tsentral'nogo aptechnogo nauchno-issledovatel'skogo institute imeni (for Kutumova). 4. Zaveduyushchiy kafedroy farmatsevti- cheskovatimii I Moskovakogo meditsinskogo instituta imeni I.M. Sechenova (for Senov). 5. Zamestitel' direktora po nauchnoy chasti TSentral'nogo aptechnoyo nauchno-issledovatel'-skogo instituta (for Shilov).

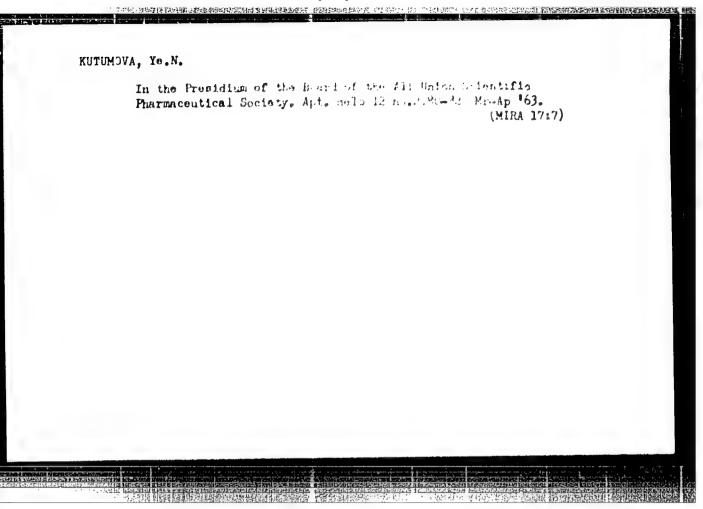


KUTUMOVA, Ye.N.; ROMANOVA, G.I.

In the Presidium of the Board of the All-Union Scientific Pharmaceutical Society. Apt. delo 12 no.4.78-79 1-Ag '63.

(MIRA 17:2)

1. General'nyy sekretar' Vsesoyuznogo nauchnogo farmatsevticheskogo obshchestva (for Kutumova).



KUTUMARIC, Dunko, dr.

Cholelithiasis in stratigraphy. Lijocn. vjosm. 83 no.5:459-462

161.

1. Iz Zavoda za radiologiju Opce bolnice "Dra H. Stojanovica" u
Zagrobu.

(CHOLELITHIASIS radiog)

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KUTUCHNY, F. Rh.

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Cases of foreign bodies in the bronchi. Vest.khir. 73 no.6:41-42 N-D '53. (NGRA 6:12)

1. Is 2-y fakul'tetskoy khirurgicheskoy kliniki (nachal'nik - professor P.A. Kupriyanov) Voyenno-meditsinskoy akademii im. S.M. Kirova. (Bronchi--Foreign bodies)

Kutushev, F. Kh.

Clinical roentgenologic data on gastrointestinal changes following pneumonectomy. Khirurgiia no.8:15-20 Ag '54. (MIRA 7:11)

1. Ix Voyenno-meditsinskoy akademii imeni S.M.Kirova. (IJNOS, surgery, pneumonectomy, postop. gastrointestinal changes) (GASTROINTESTINAL SYSTEM, physiology, eff. of pneumonectomy)

. M. 2014 THE REPORT OF THE PROPERTY OF THE PR MOUNTY MUDICA Sec. 9 Vol. 11/6 Surgery KUTUSHEV, F. S. June 57 2982, KUTUSEV F.C. and TOLUZAKOV V.L. Suppurative pulmonary processes caused by prolonged presence of foreign bodies in the air passages KHRURGIJA (Mosk.) 1955, 1 (45-50) Illus, 2 (Russian text) The incidence of foreign bodies in the oesophagus, the trachea and the bronchi shows a ratio of 36:26:41. Children under 5 yr. of age are involved in 93% of cases, Immediate extraction of the foreign body under bronchoscopic control ensures a cure and has decreased the mortality from 55% to 1%. In many cases, however, the patient is unaware of having aspirated a foreign body so that the diagnosis can remain obscure in cases of chronic pulmonary suppuration and haemoptysis. Bronchoscopy after a considerable interval is negative because intrabronchial vision is obstructed by granulation tissue and secretions and because late removal of the foreign body does not ensure complete healing. In longstanding cases, therefore, cure can only be obtained by lobectomy or pneumonectomy. Seven cases of pulmonary suppuration caused by a foreign body were observed over the period 1950-1953. The duration of the presence of the toreign bodies in the bronchi was 2-6 months in 2 cases, 5-8 yr, in 2, and 14-19 yr, in 3 patients. The nature of the foreign bodies was: nutshells in 2 cases and 1 case each of bone splinter, sunflower seed, glass tubes from toys and a drawing pin. By a complex neuroreflex reaction the foreign body produces extensive chronic pulmonary atelectasis on the basis of which bronchicciasis occurs. These changes are radiologically and bronchographically demonstrable. X-ray visualization, even of low-contrast foreign bodies, sometimes succeeds by overexposed X-rays during deep inspiration. A radical operation was performed in 5 cases (pneumonectomy in 3, lobectomy in 1 and bilobectomy in 1 case). All patients tolerated the operation. (IX. 15)

作,我们就是<mark>是我的,我们就是一个,我们就是一个,我们就是</mark>是我的的,我们就是这个人的,我们就是一个,我们就是一个,我们就是一个,我们就是一个,我们就是一个,我们就

LYUBOV, S.L., professor; KUTUSHEV, F.Kh., kandidat meditsinskikh nauk; SHIRYAYEVA, K.F.

Modern concepts of the diagnosis and treatment of patent ductus arteriosus. Vest.khir.76 no.8:11-18 S '55 (MLRA 8:11)

1. Iz 2-y fakul'tetskoy khirurgicheskoy kliniki (nach.P.A.Kupri-yanov) i kliniki detskikh bolezney (nach.prof. M.S.Haslov) Voyenno-meditsinskoy ordena Lenina akademii im. S.H.Kirova. (DUCTUS ARTERIOSUS, PATEMT diag. & ther.)

XUTUSHEV. F.Kh., kandidat meditsinskikh nauk

Lobectomy in an infant due to suppurative cyst of the lung.
Vest.khir.76 no.9:104-106 0 '55. (MLRA 9:1)

1. Is 2-y fakul'tetskoy khirurgicheskoy kliniki (nach.prof.
F.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii
im. S.M. Kirova)
(LUNGS, cysts,
suppurative, surg.,lobectomy in inf.)
(CYSTS, suppurative of lungs, surg.,lobectory in inf.)

MISHURA, V.I., podpolkovník meditsinskoy sluzhby; CADZHIYEV, S.A., kandidat meditsinskikh nau, mayor meditsinskoy sluzhby; JUTUSHEV, F.Kh., kandidat meditsinskikh nauk

Some problems in heart surgery. Voen.-med.zhur. no.10:10-16-0 '56.

(HMART--SURGERY) (MIRA 10:3)

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KUTUSHWY, F.Kh., kandidat meditsinskikh nauk

Treatment of a bronchial fistula after resection of the lung.
Vest.khir. 77 no.3:84-87 Mr '56.

1. Is 2-y fakul'tetskoy khirurgicheskoy kliniki (nach, - prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii izeni
S.M.Kirova.

(IJMOS, surg.
resection, causing bronchial fistula, ther.)

(FISTULA
bronchial, caused by resection of lung, ther.)

(BRONGHI, fistula
caused by resection of lung., ther.)
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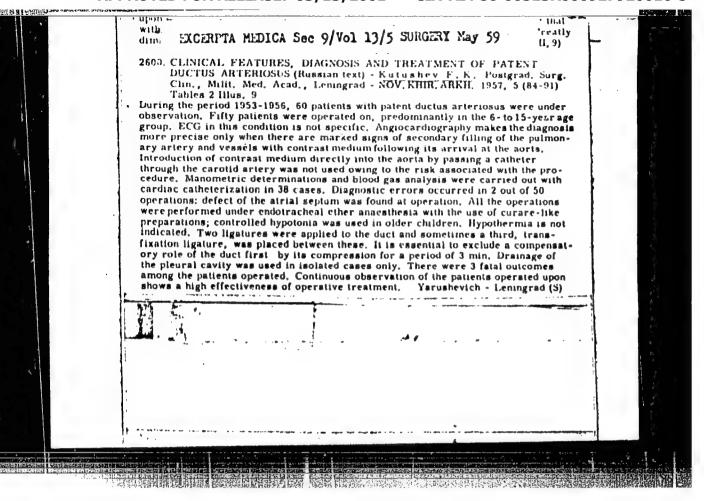
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REPORT .	: USSR : Human and Animal Physiology, Circulation
. JCUR.	: Elhand., No. 5 1959, Fd. 22056
HOM	:Kutushov, F.Kh.; Losev, V.I.
P. De	:An Analysis of the Blectrocardiographic Findings Associated with Patent Ductus Arteriosus.
n. Mb.	evenr. okhrany materinatva i detetva, 1957, 2,
378427	No. 2, 56-63 The study included 50 patients aged 1 to 20 and older with patent ductus afteriosus. Among 18 patients the electrical axis of the heart was normal; among 19 the axis was deviated toward the vertical; among 5 there was horizontal deviation; which the dextrocardiograms, and 3 hid true levocardiograms. In the majority of cases the PQ cardiograms. In the majority of cases the PQ interval was normal. Among patients with marked disturbances in cardiac activity (usually in the old age group) a prolongation of electrical systole was noted. Widening of the QR <sup>o</sup> complex tole was noted. The patients. Among part of the patients

COUNTRY FUSSR YMEETAD APS. JOHR. : PZhPiol., Ye.5 1969, No. 22056 AUTHOR EYSI. man manage ORIG. FUR. : idisplacement of the SF segment above isoelectric line was noted in leads CR2 and CR4, as well as ABCIDACT a change in the form and direction of the T wave, although substantial circulatory disturbances were not detected clinically in the majority of the patients. There were changes in the atrial complex among 14 patients. Following surgery, electrical systole quite rapidly returned to normal among the majority of patients in whom it had been prolonged. Clear signs of improvement of myocardial stimulation and recovery were noted 2/3 Card: T - 48

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. 150,7500	in 10 patients tollowing surgery. The amplitude of the P wave approached normal among many of the oatients E.I. Aron-Kilinskiy
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#### CIA-RDP86-00513R000927920016-5



KOLESOV, A.P.; KUTUSHEV, P.Kh.; DAVYDOV, V.P.; YEGOROV, P.I.; ZERNOV, M.P.

Surgical treatment of bronchiectasis in children [with summary in English, p.160). Vest.khir. no.5:86-94 My 157. (MIRA 10:7)

1. Is khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. prof. P.A. Kupriyanov) i kliniki datakikh bolesney (nach. - prof. M.S.
Maslov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
Adres avtorov: Leningrad, 9, pr. K. Markse, d.7/8, khirurgicheskaya
klinika usovershenstvovaniya vrachey.

(BRONCHIECTASIS, in inf. and child
surg.)

KUTUSHEV, F.Kh. (Leningrad, 110, Bol'sheya Zelenina ul., d.22, kv.27)

Suppurative processes in the other lung after pneumonectomy. Vest. khir. 78 no.5:110-114 My '57.

1. Is khirurgicheskoy kliniki usovershenstvoveniya vrechey (nach. - prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(LUNGS DISKASES

suppurative processes in other lung after pneumonectomy)

(PNKUNOMEGTOMY

suppurative processes in remaining lung)

KOLESOV, A.P., doktor med.nauk (Leningrad, D-187, nab. Fontanki, d.4, kv.383);

XUTUSHEV. F.Kh., kand.med.nauk

Double aortic arch. Vest.khir. 81 no.7:123-130 J1 '58 (MIRA 11:8)

1. Is khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach.-prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(AORTA, abnorm.

double aortic arch, surg. (Rus))

**。 1988年1月1日 - 1987年 - 1988年 - 1987年 - 1987年** 

KUTUSHEV, F. Kh., band.med.nauk; LOSHV, V.I.

Cardiac disorders in patent ductus arteriosus. Pediatriia (MIRA 12:10)

1. Is khirurgicheskoy kliniki usovershenstvovaniya vrachey (nachal'nik - deystvitel'nyy chlen AMI SSSR prof.P.A.Kupriyanov) i kliniki detskikh bolesney (nachal'nik - deystvitel'nyy chlen AMI SSSR prof.H.S.Maslov) Voyenno-meditsinskoy akudemii imeni S.H.Kirova.

(DICTUS ARTERIOSUS, PATERT, case reports, cardiac disord. in operated & non-operated cases (Rus))

KUTUSHEV, F.Kh., kand. ned. nauk (Leningrad, P-3, Bolishoy pr., d.34/36, kv. 6)

Indications and contraindications to surgery in patent ductus arteriosus. Vest. khir. 82 no.5:29-36 ky '59. (MIRA 12:7)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach.prof. P. A. Kurpiyanov) Voyenno-meditsinskoy ordena Lenina akademii im.
S. M. Kirova.

(DUCTUS ARTERIOSUS--SUMPERY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920016-5"

AVIDON, D.B., kend.med.neuk; BAIROV, G.A., kend.med.neuk; BUTIKOVA, N.I., dotsent, kend.med.neuk; BOYKOV, G.A., kend.med.neuk; VERESHCHAGINA, L.N., kend.med.neuk; GONGHAROVA, M.N., prof., doktor med.neuk; ZHOLOBOV, L.K., vrach; ZHMSKAYA, A.G., kend.med.neuk; KAYSAR'YANTS, G.A., dotsent, kend.med.neuk; KOLESOV, A.P., doktor med.neuk; KOHDRAT'YEV, A.P., kend.med.neuk; KORCHANOV, G.I., kend.med.neuk; KUTUSHEV, F.Kh., kend.med.neuk; LEVINA, O.Ya., kend.med.neuk; LYANDRES, Z.A., prof., doktor med.neuk; MOROZOVA, T.I., kend.med.neuk; MIRZOYEVA, I.I., kend.med.neuk; PANUSHKIN, V.S., kend.med.neuk; RASTORGUYEV, A.V., vrach; RUDAKOVA, T.A., kend.med.neuk; SAVITSKAYA, Ye.V., kend.med.neuk; SVISTUNOV, N.I., vrach; CHISTOVICH, G.V., kend.med.neuk; YAKOVLEVA, T.S., vrach; MARGORIN, Yevgeniy Mikhaylovich, prof., red.; DOLETSKIY, S.Ya., red.; VERESHCHAGINA, L.N., red.; RULEVA, M.S., tekhn.red.

[Operative surgery on children] Operativnaia khirurgiia detskogo vozrasta. Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr.otd-nie, 1960. 475 p. (MIRA 13:12)

(CHILDREN -- SURGERY)

KOLESOV, A.P.; KUTUSHEV, F.Kh.; CHURHLOVIRA, M.G.

Intrathoracic cyats in children. Vest. khir. 85 no. 8:42-51 Ag :60.
(MIRA 14:1)

(CHEST --TUMORS) (CYSTS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920016-5"

CONTROL FOR A TRADOUND CONTROL OF THE PROPERTY AND THE CONTROL

KUTUSHEV, F.Kh., doktor med.nauk

Surgical treatment of congenital lobar emphysema of the lung. Vest.khir. no.5164-67 '61. (MIRA 15:1)

1. Iz 1-y khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. - prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(EMPHYSEMA, PULMONARY) (LUNGS-SURGERY)

KUPRIYANOV, P.A.; KOLESOV, A.P., prof.; KUTUSHEV, F.Kh., doktor med.nauk; BURMISTROV, M.I., kand.med.nauk; MISHURA, V.I., kand.med.nauk

Surgical treatment of congenital heart defects. Vop. okn. maj. 1 det. 6 no.12:11-17 D '61. (MIRA 15:3)

1. Iz kliniki khirurgii dlya usovershenstvovaniya vrachey (nachalinik - prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Leninga akademii ineni S.M. Kirova. 2. Deystvitelinyy chlen AMN SSSR (for Kupriyanov).

(HEART--SURGERY)

KUTUSHEV, Fettyakh Khalimovich; KUPRIYANOV, P.A., prof., red.; GRICOROVICH, K.A., red.; SAFRONOVA, I.M., tekhn. red.; KHARASH, G.A., tekhn. red.

[Diagnosis and treatment of patent ductus arteriosus] Diagnostika i lechenie otkrytogo arterial'nogo protoka. Pod red. P.A.Kupriianova. Leningrad, Medgiz, 1962. 202 p.

(MIRA 15:3)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR i rukovoditel' khirurgicheskoy kliniki dlya usovershenstvovaniya vrachey Voyenno-meditsinskoy ordena Lenina akademii im. S.F. Kirova (for Kupriyanov).

(DUCTUS ARTERIOSUS -- ABNORMITIES AND LEFORMITIES)

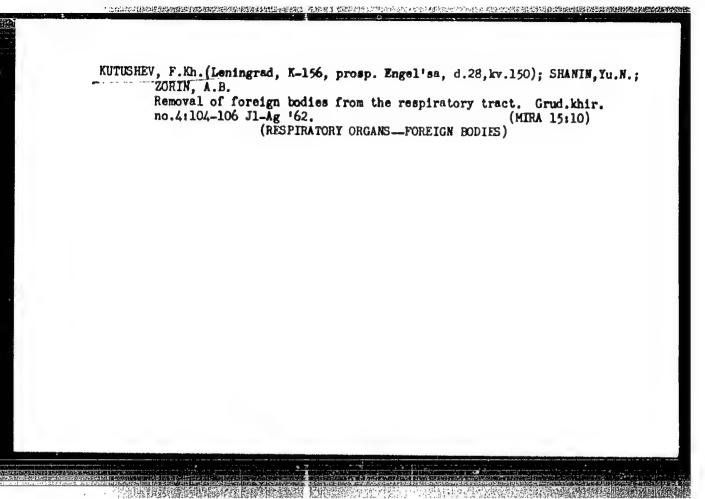
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920016-5"

DOMBROVSKAYA, Yu.F., prof.; ZHUKOVSKIY, M.A., starshiy muuchn.sotr.;
KUTUSHEV, F.Kh., doktor mod.nauk; LEDEDEV, D.D., prof.;
MASLOV, M.S., prof.[deceased]; MISHURA, V.I., kand.mod. nauk;
OSTRIOVSKIY, H.I., prof.; SHAMSIYEV, S.Sh., prof.; ROGOV, A.A.,
red.; CHUYEVA, L.F., red.; BUL'DYAYEV, N.A., tekhm. red.

[Multivolume manual on pediatrics] Mnogotomnoe rukovodstvo po
pediatrii. Moskva, Modgiz. Vol.3. 1962. 586 p. (MIRA 15:9)

1. Doystvitel'nyy chlen Akadomii moditsinskikh nauk SSSR (for
Dombrovskaya, Maslov).

(PEDIATRICS)



KUPRIYANOV, P.A.; KUTUSHEV, F.Kh.; ZORIK, A.B.

Surgical troatment of the tetralogy of Fallot. Pediatriia 1/1 no.5:56-57 My '62. (MIRA 15:5)

1. Khirurgicheskaya kliniká dlya usovershenstvovaniya vrachey No.1 Voyenno-meditsinskoy akademii imeni S.M. Kirova (nachali-nik - prof. P.A. Kupriyanov).

(TETRALOGY OF FALLOT)

KUPRIYANOV, P.A.; KOLESOV, A.P.; KUPUSHEV, F.Kh; IZBITSKIY, A.L.;
RUKHIMOVICH, G.S. .

1. 1000 公司2. 按照外的相比较级的转换的数据的相比较级的。1930 2. 10 2.

Diagnosis and therapy of paravasal forms of lung cancer. Vop. onk. 9 no.2:6-11'63. (MIKA 16:9)

1. Iz khirurgich skoy kliniki usovershenstvovaniya vrachey no.l (nachal'nik - deystvitel'nyy chlen AMI SSSR prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina Akademii imeni Kirova.

(LUNGS-CANCER)

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AT A POST PORT OF THE PARTY OF THE POST OF

KOLESOV, A.P., prof. (Leningrad, Lesnoy pr., d.4, kv.78); KUTUSHEV, F. Kh., doktor med.nauk

1. 化原理和利用中的自己的经历经验的经验和特别的特别的 的复数经验的现代

Some difficulties in the diagnosis and treatment of patent ductus arteriosus. Vest.khir. 90 no.2136-40 F163. (MIRA 1617)

1. Iz 1-y khirurgicheskoy kliniki usovershenstvovaniya vrachey (nachal'nik - prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

(DUCTUS ARTERIOSUS) (HEART-SURGERY)

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KUPRIYANOV, P.A. (Leningrad, D-123, ul. Ryleyeva, d.15.kv.6); KOLESOV, A.P.; KUTUSHEV, F. Kh.; BALLYUZEK, F.V.; SKORIK, V.I.; EURMISTROV, M.I.; LIBOV, A.S.; ZORIN, A.B.

Practice in using artificial blood circulation in surgery on the open heart. Grud.khir. 5 no.1:8-18 Ja-F<sup>1</sup>63. (MIRA 16:7)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey no.l (nachal'nik - deystvitel'nyy chlen AMN SSSR prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Leniha akademii imeni S.M.Kirova. (HEART-SURGERY) (BLOOD-CIRCULATION, ARTIFICIAL)

KUTUSHEV, F.Eh., doktor med. nauk, referent; MIKHAYLOVICH, V.A., referent;
KABAKOV,B.D., doktor med. nauk, referent

Minutes of Surgical Societies. Vest. khir. 91 no.7s147-159
J1'63

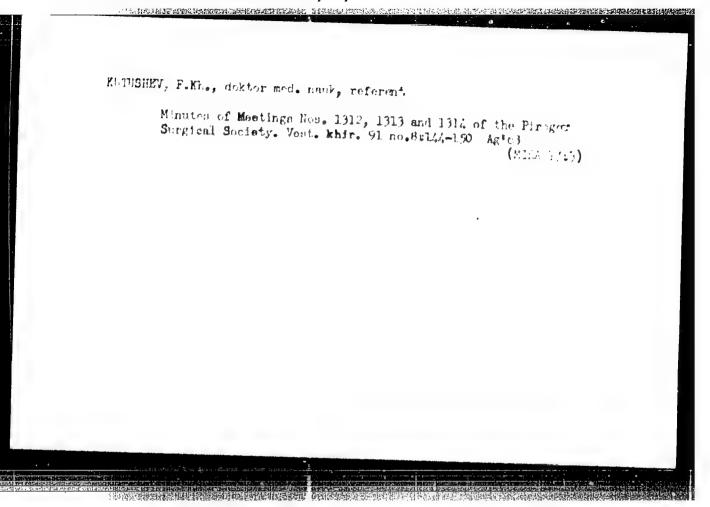
(MIRA 16s12)

KOLESOV, A.P. (Leningrad, K-9, Lesnoy pr., d. A., kv.78); KUTUSHEV, F.Kh.

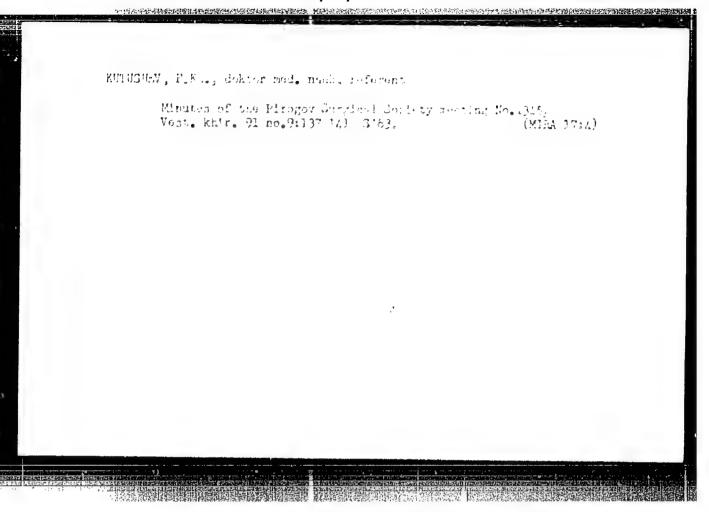
Surgical treatment of congenital heart defects combined with bronchiestasis. Grudn. khir. 5 no.3:8-12 My-Je\*63 (MIRA 17:1)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey No.l Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova (nachal'nik - deystvitel'nyy chlen AMI SSSR prof. P.A. Kupriyanov [decessed]).

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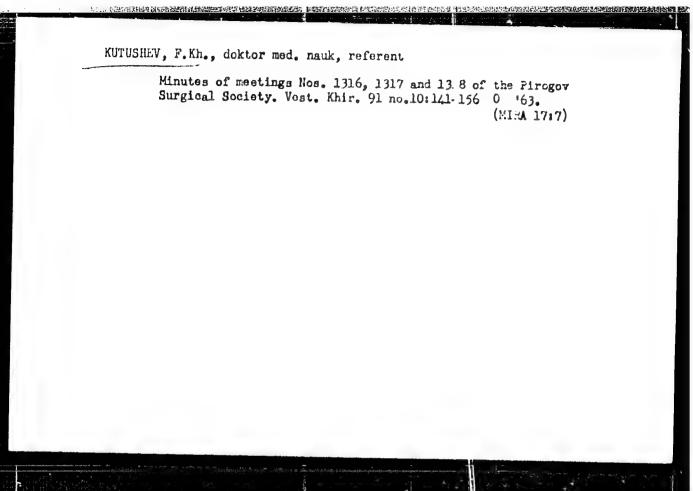
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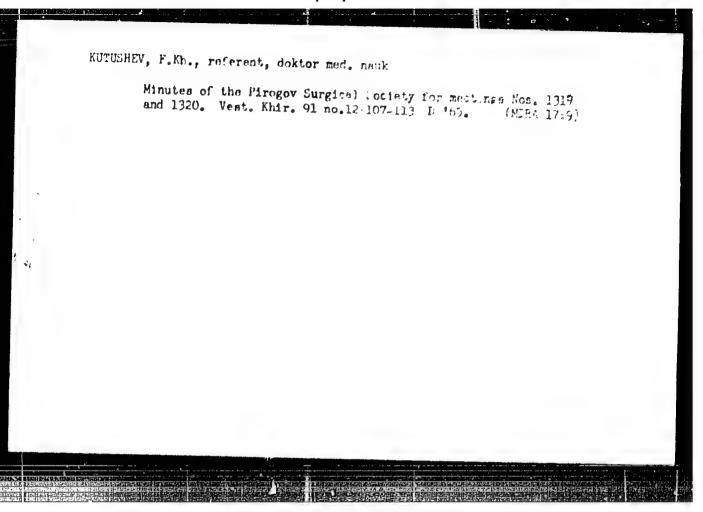
KUTUSHEV, F. Kh, (Leningrad, K-156, pr. Engel'sa, d.28, kv.150); KOLESOV, Ye.V.; UVAROV, B.S.; ZORIN, A.B.; SILIN, V.A.

Angiocardiography in cardioplegia and control of the cardiac rhythm. Vest. khir. 91 no.8:17-26 Ag 63 (MIRA 17:3)

1. Iz 1-y khirurgicheskoy kliniki usovershenstvovaniya vrach y i kafedry anesteziologii (nachal\*nik - prof. P.A. Kupriyanov [deceased]) Voyenno-meditsinskoy ordena Lanias akademii imeni Kirova.

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KTI KHRV, r.km. (Teningrad K-150, 100 ppl/ bes-150, 100 pt/ 2001), 2001K, A.P.

Analysis of phonicardiographic data in patent factor actoriosas.

Grad. khir. 6 no.2:67-71 Mr.Ap 6.1. (MIRA 18:4)

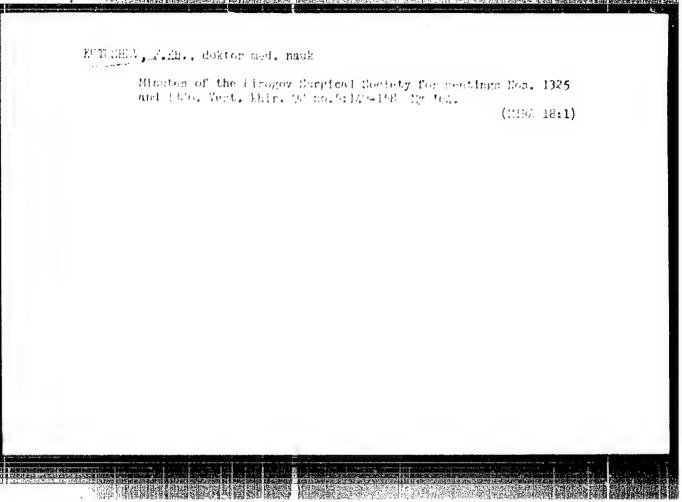
1. Entrargicheskaya klinika diya nepvershenstvevaniya vrazney Nc.l (nachalinik - deyatvitelinyy chlen AEE 33% prof. i.A. Eupriyan v [deceased]) Voyenno-maditainskoy er lena Lenina akademii imeni Kirova, Leningrad.

ETTERNY, F.Kh., doktor med. mauk, referent

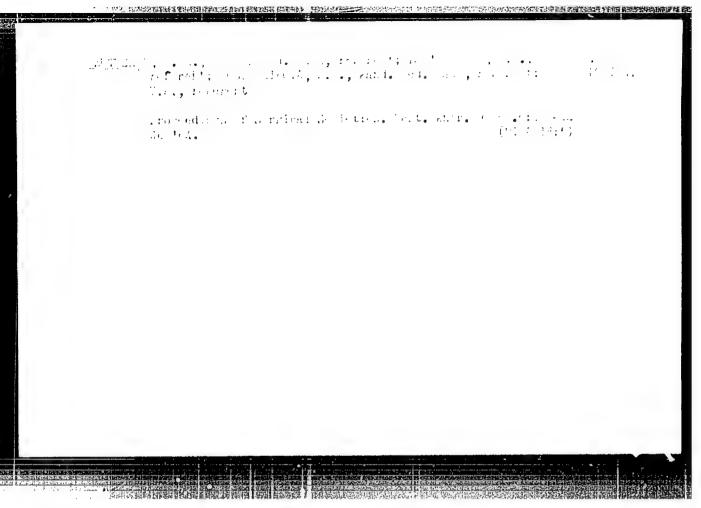
Minutes of the Firogov Surgical Gordety for Neetings New. 1321 and
1322. Vest. khir. 92 no.1:14/-150 Ja '64. (MIRA 17:11)

KUTUSHEV, F.Kh., doktor med. nauk, referent

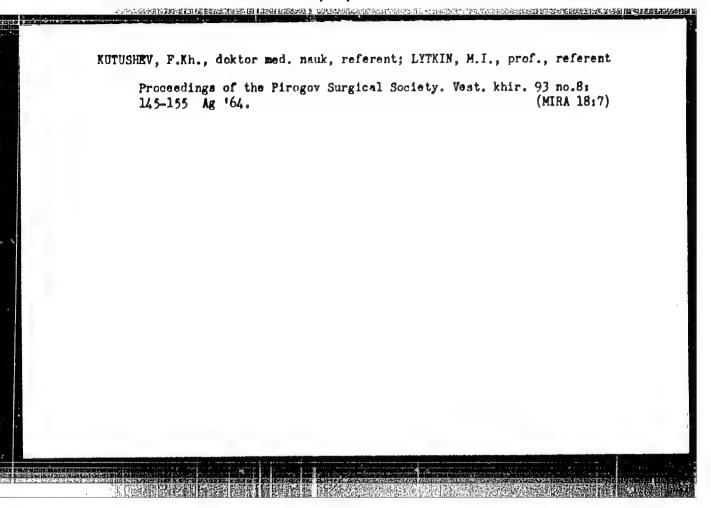
Minutes of the Pirogov Surgical Society, Nos. 1323 and 1324. Vest.
khir. 92 no.3:154-157 Mr '64.. (MIRA 17:12)

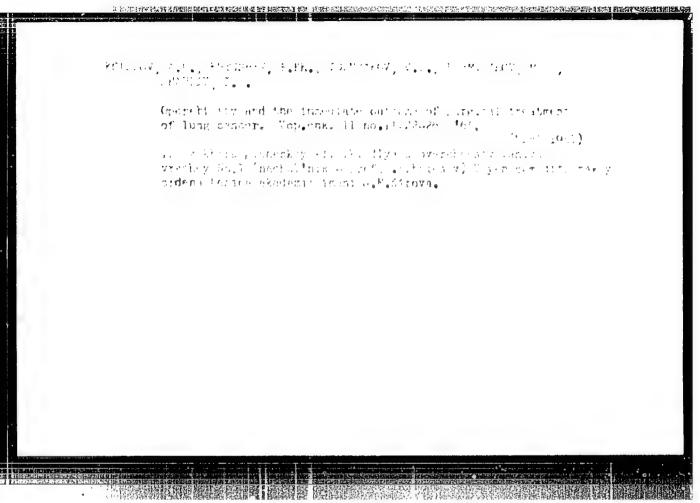


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BENYAKOVSKIY, M.A.; KULIKOV, V.I.; SHADRIN, V.A.; KOLPAKOV, I.P., INTUINY,
IR.S.; KUSTORAYEV, G.O.: KOCHNEV, M.P.; YKSIPOV, I.V.; PETROV, B.T.

Power consumption for the deformation of metal and conditions of strip rollings. Stal' 17 no.1:59-63 Ja '57. (MIRA 10:3)

1. Ural'skiy institut chezzykh metallov i Magnitogorskiy metallur-gicheskiy kombinat.

(Rolling (Metalwork)

CHERIOGOROV, P.V.; BOBECV, A.V.; P-'nimali uchastiye: BABARYKIN, N.V.;

MOROYERO, I.P.; MOREY, I.F.; ZUTUTEYA, P.S.; OKUL'SKIT, M.K.;

GAL'PERIN, F.B.; VASINA, Z.M.; DERISHTEIN, S.I.; BALHSKIY, V.R.

Prect of foundry iron prepared by a non-blast-furnace method on the quality of foundings. Lit.proizv. no.7:9-12 Je '60.

(Cast iron-Metallurgy)

(Foundries-Quality control)

(Foundries-Quality control)

KUTUTEVA, Z.M.; SIGAL, I.Z. (Kazan')

Second conference of phthisiologists of the Tatar A.S.S.R. Kaz.med.

zhur. 40 no.4:104-106 Jl-Ag '59. (MIRA 13:2)

(TATAR A.S.S.R.-TUBERCULOSIS)

VETUKHNOVSKAYA, Yu.N.; KUZ'MIN, A.D.; KUTUZA, B.G.; LOSOVSKIY, B.Ya.; SALOMONOVICH, A.Ye.

Measuring the radio emission spectrum of the night side of Venus in the microwave band. Izv. vys. ucheb. zav.; radiofiz. 6 no.5: 1054-1056 '63. (HIRA 16:12)

1. Fizicheskiy institut imeni Lebedeva AN SSSR.

proge to i. 8806-65 ENT(1)/ENG(v)/EES(t) re-5/Fac-2 KALM(a)/RALM(t) ß ACCESSION WIRE AP4043956 5/0033/64/041/004/0707/0710 AUTHOR: Basharinov, A. Yo.; Vetukimovskaya, Yu. K.; Kur'min, A. D.; Kutuza, R. Q.; Solomonich, A. Ye TITLE: Mensurements of the brightness temperature on the illuminated side of of Venue on the 8 am wavelength SOUNCE: Astronomichaskiy shurmal, v. 41, no. 4, 1964, 707-710 TOPIC TAGS: brightness temperature, 8mm wavelength, radio emission, zenithal distance, signal attenuation, terrestrial atmosphere, illumination phase interior conjunction, opposite rotation ABSTRACT: The brightness temperature of the illuminated side of Venus was measured on the 8-mm wavelength from November 1962 to October 1963. The brightmean temperature of Jupiter was measured at the same time. The Venusian brightness temperature was computed by accepting the rean Jovian brightness temperature to to 140K. The Venusian brightness temperature computed from observation data obtained on 10-11 May, 22-26 July, and 2-3 October 1963, using the Jovian brightness temperature mentioned above, was 435465K and 440470K. Readings of radio emission from Venus and Jupiter were corrected for changes of noise, for Cord 11/2

L 8806-65 ACCESSION NR: AP4043956 zenithal distances of the planets, and for attenuation of signals in the terrestrial atmosphere. Observation data show an increase of Venusian brightness temperature with the increase of the illuminated disk. This increase, as was previously found out, confirms the dependence of the brightness temperature upon the illumination phase. The center of the minimum brightness temperature after the interior conjunction indicates that the rotation of Venus is the opposite of that of the Earth and Mars. Orig. art. has: 2 figures and 4 formulas. ASSOCIATION: none SUBMITTED: 00 ALD PRESSI 3106 ENCL NO REST SOVE 004 SUB CODE: AA OTHER: 003 Card 2/9

# "APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927920016-5

L 7795-66 EWT(1) GW ACC NR: AP5027615

SOURCE CODE: UR/0109/65/010/011/1941/1948

AUTHOR: Ananov, N. I.; Basharinov, A. Ye.; Kirdyashev, K. P.; Kutuza, B. G

ORG: none

TITLE: Fluctuations of radiation from a cloudy atmosphere in the millimeter band

SOURCE: Radiotekhnika i elektronika, v. 10, no. 11, 1965, 1941-1948

TOPIC TAGS: atmospheric radiation; millimeter band radiation, radio telescope

ABSTRACT: In the case of a cloudy atmosphere, the turbulent pulsations of cosmic r-f radiation are compounded by single peaks which are due to the variations of the integral absorption caused by wind-drifted clouds in the field of vision of a radio telescope. Statistical evaluation of both the turbulent pulsations (clear sky) and the peaks (cloudy sky) in terms of radio-brightness temperature is offered. An experimental verification was carried out (in 1963) by means of modulation radiometers on 2-meter radio telescopes operating at 4- and 8-mm

Card 1/2

UDC: 551.594.6

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ACC NR: AP5027615

wavelengths and on a 22-meter radio telescope working at 8-mm wavelength. Over 150 experiments covered both overcast and broken-cloud conditions and various types of clouds. The mean effective value of the cloud-radiation variation was 6.75K, with a mean square spread of 4.25K; the most probable value of variations lay within 5-5.5K. The curves of distribution of the mean intensity of variations and of the correlation function of variations are shown. Orig. art. has: 5 figures and 16 formulas.

SUB CODE: 03, 17 / SUBM DATE: 20Jul64 / ORIG REF: 009 / OTH REF: 002

nw Card 2/2

L 57062-65 FBD/EWT(1)/FWG(\*)/EEC-L/EEC(t) Pe-5/Pi-L/Pac-2 WS-L/GW

ACCESSION NR: AP5015580

UR/0030/65/042/003/0527/0530 523.164.42

AUTHOR: Barret, A. KHY, Kutuza, B. C.; Matveyenko, L. I.; Salomonovich, A. Ye.

TITILI: Chaervations of radio emission sources at the 3.3- and 0.8-cm wavelengths

SOURCE: Astronomicheskiy zhurnal, v. 82, no. 3, 1965, 527-530

TOPIC TAGS: radio emission source, Taurus A, source 3C 84, source 3C 273, source 3C 279, radio emission

ABSTRACT: Results of observations carried out with the 22-m radio telescope of the Physics Institute imeni. P. N. Lebedev AN SSSR are discussed. The observations were made to explain the presence of a second radio-emission source in the Taurus constellation, to investigate the brightness distribution of Taurus-A source at the 8-mm wavelength, and to measure the fluxes of sources 30 84, 30 273 and 30 279 at the 3.3-cm and 8-mm wavelengths. With the exception of observations dealing with the brightness distribution of Taurus-A, the observations consisted in recording the curves of the transit of sources through the radiation pattern of a stationary radio-telescope antenna at time constants of 5<sup>5</sup> and 4<sup>5</sup> for the 3.3-cm and 8-mm wavelengths respectively. The time constants were determined by the widths of the radiation

Card 1/3

### "APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927920016-5

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ACCESSION NR: APSO15580

patterns which were 5.9' and 2'. The fluxes were calculated under the assumption of the Gaussian distribution of brightness temperature and of the Gaussian shape of the antenna pattern. The results of these calculations are shown in Table 1 of the Enclosure. The flux at the 8-mm wavelength of the source located about 30° to the east of Taurus-A proved to be not more than 55 of the Taurus-A flux. Tue results of the measurements of 30 84, 30 273, and 30 779 confirm their reported anchalously high fluxes at centimeter wavelengths. The coticates of the upper limits of the fluxes at 8-mm agree with this conclusion. The results of peacurements of the dimensions of Taurus-A at 8-rm can be approximated by an ellipse with exec 4.2' ±0.2' and 2.9' ±0.2' with the major axis at a position engle of the". Orig. art. has: 2 figures and I table.

14.6.4年的目前的强国信息中世纪和国际的社会和自然的经验的重要组织中国国际的经济的经济的经济的经济的经济的发展的。种种分类的民族企业。26年的经济的国际的国际

ACCCCIAITON: XIssiedovatel'skaya laboratoriya elektroniki Massachusetskogo tekhnologicheskoge instituta Kembridzh, Massachusets, SShA (Electrosics Pescarch Laboratory, Massachusetts Institute of Technology, Cambridge, Massachusetts, EShA), Pinichoskiy institut im. P. B. Lebedeva Akademii neuk CSSR (Physics Institute Academy of Sciences SSSR), Institut radiotekhniki i elektroniki Akademii nauk SSSR (Institute of Radio Engineering and Electronics, Academy of Sciences SECE)

SUBMITTED: 04Jan65 NO REF SOV: 004

Card 2/3

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L 53994-65 FBD/EWT(1)/EWG(V)/EEC-4/EEC(t) Pe-5/Pae-2/P1-4 GW/WS-4

ACCESSION NR: AP5012759

UR/0020/65/161/006/1301/1302

AUTHOR: Kutuza, B. G.; Losovskiy, B. Ya.; Salomonovich, A. Ye.

TITLE: Saturn radio emission at the 8-ma wavelength

SOURCE: AN SSSR. Doklady, v. 161, no. 6, 1965, 1301-1302

TOPIC TAGS: Saturn radio emission, radio emission measurement, Jupiter radio emission

ABSTRACT: In July and August 1964, measurements of the brightness temperature of Saturn at 8 mm were carried out with the 22-m radiotelescope of FIAN, equipped with a standard modulation radiometer for the 8-mm wavelength. To eliminate errors in determining the antenna parameters, Jupiter radio emission was recorded at the same time. The brightness temperature of Jupiter with respect to the optically visible disk was assumed to be 144K. Recordings of the azimuth transit of both planets were made in conjunction with visual tracking along the zenith path. In averaging the series of records, fading in the Earth's atmosphere and the reduction of the output signal due to the effect of the radiometer time constant were taken into consideration. The antenna temperature and emplification stability control

Card 1/2

## "APPROVED FOR RELEASE: 03/13/2001

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ACCESSION NR: AP5012759

were calibrated with a gas-discharge noise generator. In all, 36 recordings of Saturn passage were processed. The arithmetic mean value of brightness temperature of the Saturn disk (without the ring) on the basis of 24 recordings of 22 July 1964 was 129K; on the basis of 12 recordings of 21 August 1964, the value was 144K.

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was 129K; on the basis of 12 recordings of 21 August 1964, the value was 144K. The weighted mean value at 8 mm was 13249K, which is consistent with temperatures that have been previously reported at 3 cm, 10 cm, and infrared wavelengths; thus there is some evidence pointing to a radiation belt about Saturn, although not as pronounced as that of Jupiter. Orig. art. has: 2 figures. [KM]

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR (Physics Institute, Academy of Sciences SSSR); Institut radiotekhniki i elektroniki Akademii nauk SSSR (Institute of Radio Engineering and Electronics, Academy of Sciences SSSR)

SUBMITTED: 23Nov64 ENCL: 00 SUB CODE: EC, AA

TO REF SOV: 002 OTHER: 008 ATD PRESS: 4021

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98/85-2 FBD/ENT(1) L 24307-66 SOURCE CODE: UR/0058/65/000/009/HO43/HO48 ACC NR: AR6005261 AUTHORS: Kutuza, B. G.; Losovskiy, B. Ya.; Salomonovich, A. Ye. 53 TITLE: Measurement of the radio emission from Mercury at 8 mm wavelength. 13 SOURCE: Ref. zh. Fizika, Abs. 9Zh336 Astron. tsirkulyar, no. 327, 28 apr., 1965, 5-7 REF. SOURCE: TOPIC TAGS: Mercury planet, radio astronomy, radio emission, millimeter wave propagation, electronic measurement, radio telescope TRANSLATION: The authors present the results of measurements of the radio emission from Mercury at 8 mm wavelength, made in 1964 with the aid of a 22-meter radiotelescope. The results point to the presence of a connection between the brightness temperature averaged over the disc and the phase angle. Assuming that the distribution over the surface is given by  $T_b = T_0 cos^n \theta$  on the illuminated surface and by  $T_h = 0$  on the non-illuminated surface of the planet, the 1/2 Card

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brightness temperature in the subsolar point  $T_0 = 660 \pm 120 \text{K}$  for n = 1/4 and  $T_0 = 540 \pm 85 \text{K}$  for n = 0. Within the limits of errors, this agrees with the results of calculations and measurements in the infrared band. S. Makarova.

SUB CODE: 03, 17

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2/2 FV

1 96426-66 EVIT (1) GW ACC NR: AP6006778

SOURCE CODE: UR/0033/66/043/001/0149/0153

AUTHORS: Basharinov, A. Ye.; Kutuza, B. G.

ORG: Institute of Radio Technology and Electronics, Academy of Sciences SSCR (In-t radiotekhniki i elektroniki Akademii nauk SSSR)

TITLE: On the nature of the Venusian cloud layer (Reported at the symposium on Radio Astronomical Methods for Investigating Atmospheres and Surfaces of Planets, hold in Puerto Rico 25/V 1965)

SOURCE: Antronomicheskiy zhurnal, v. 43, no. 1, 1966, 149-153

TOPIC TAGE: radio astronomy, radio emission, water vapor, Venus planet, absorp-

ARGTRACT: The hypothesis on the presence of supercooled water droplets in the Venusian cloud layer was investigated. On the basis of the phase rate radio brightness temperature data, an extrapolation was made on the 8-mm integrated absorption to microwave regions, using the extrapolation expression

 $\widehat{\tau(\lambda)} = \tau(\lambda_0) \frac{C(\lambda)}{C(\lambda)_0} \frac{\lambda_0}{\lambda}$ 

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ACC NR: AP6006778

and assuming that the absorption is caused by water droplets. The results obtained were then compared with radiometric absorption measurements in terrestrial clouds at wavelengths of 0.4, 0.8, 1.6, and 3.2 cm, and with the measured values of radio brightness temperatures on the night side of the planet Venus. The good agreement between theory and the experimental results is accepted as a verification of the water droplet hypothesis. The water content in the cloud layer is estimated at 0.1 to 0.3 g/cm<sup>2</sup>. Orig. art. has: 10 formulas, 2 figures, and 2 tables.

SUB CODE: 03/ SUBM DATE: 01Apr65/ ORIG REF: 004/ OTH REF: 007/ ATD PRESS: 4222

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# "APPROVED FOR RELEASE: 03/13/2001

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L 04308-67 EWT(1) GW/WS-2

ACC NRI AR6013393

SOURCE CODE: UR/0269/65/000/011/0040/0040

AUTHORS: Kutuza, B. C.; Losovskiy, B. Ya.; Salomonovich, A. Ye.

TITLE: Measurement of the radio emission of Mercury at 8 mm

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SOURCE: Ref. zh. Astronomiya, Abs. 11.51.371

REF SOURCE: Astron. tsirkulyar, no. 327, apr. 28, 1965, 5-7

TOPIC TAGS: radio emission, Mercury planet, temperature measurement, cosmic radio

ABSTRACT: A short review of results is presented for measurements of the radio emission of Mercury in the meter and centimeter ranges where the luminance temperature is a function of the phase angle. The method of observing the emission of Mercury at 8 mm, used at the radio observatory FIAN with RT-22 during 1964, is described. The results of analyzing the measurements indicate a dependence of the luminance temperature averaged over the disk on the phase angle. The luminance temperature T at the subsolar point is  $660 \pm 120^{\circ} \text{K}$  (n = 1/4) or  $540 \pm 85^{\circ} \text{K}$  (n = 0) under the assumption that its distribution over the surface satisfies the law  $T_1 = T_0 \cos^{10} \theta$  on the illuminated side and  $T_2 = 0$  on the dark side of the planet. This result agrees within experimental error with the calculations and measurement data in the IR range. Further measurements should be made in the mm range. S. Makarova (Translation of abstract)

SUB CODE: 03

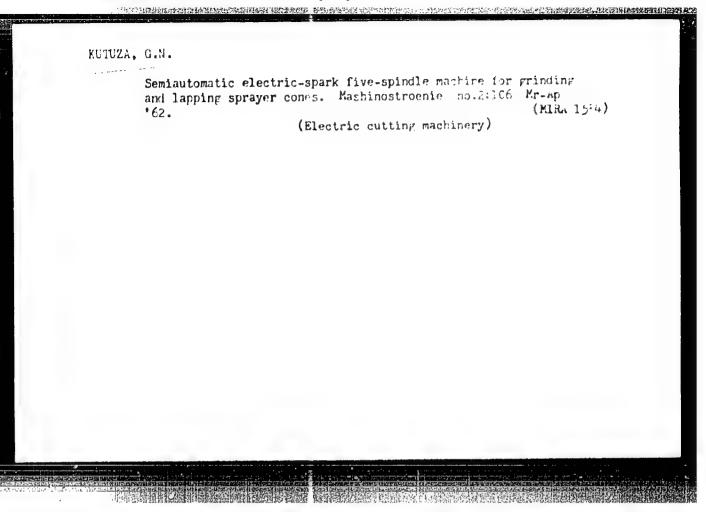
TDC: 523.164:523.41

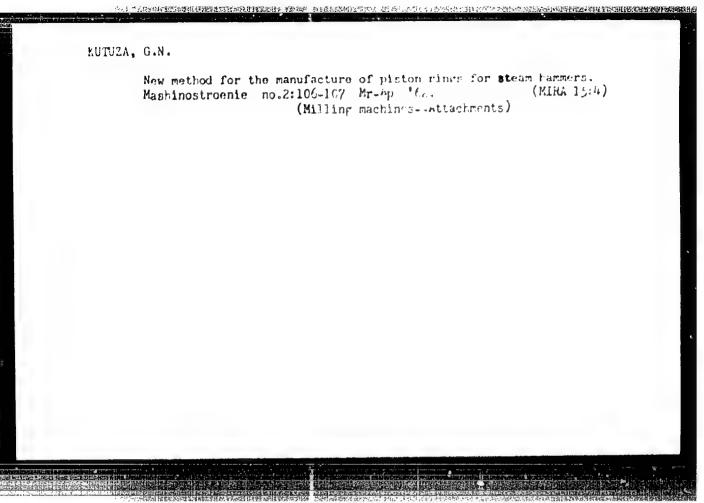
APPROVED FOR RELEASE: 03/13/2001

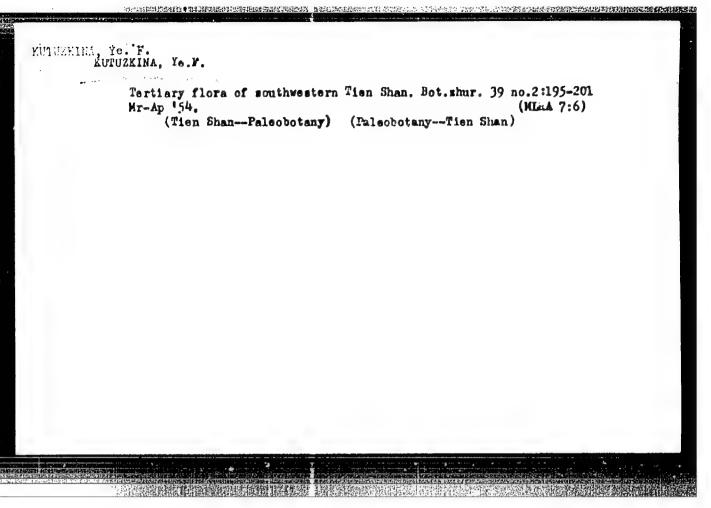
CIA-RDP86-00513R000927920016-5"

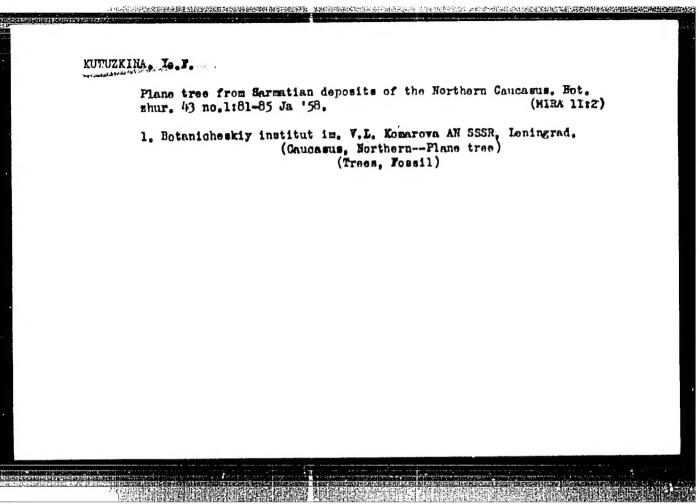
Observations of radio emissions of Mars on the 8 mm. wavelength.
Astron. zhur. 43 no. 1:236-237 Ja-F \*66 (MIRA 19:2)

1. Fizicheskiy institut imeni Lebedeva AN SSSR i Institut radiotekhniki i elektroniki AN SSSR. Submitted July 27, 1965.









。1975年,1978

3(5) AUTHOR:

Kutuzkina, Ye. F.

307/20-128-2-39/59

TITLE:

Some Data on the Sarmatian Flora of Armavir

PERIODICAL:

Doklady Akademii nauk SSSR, 159, Vol 128, Nr 2, pp 362-365

(USSR)

ABSTRACT:

A survey of publications on the findings of fossil plants of the Armavir region since 192; is given here (A. V. Danov and V. P. Kolesnikova, Ref 2) (I. V. Palibin, Ref 8, determinations of P. A. Mchedlishvili) The age of the flora was ascribed to the lower part of the oper Sarmatian on the strength of faunistic data presented by 1 S. Volkova (Ref 1). In 1954 and 1958 the author made several journeys for the purpose of collecting additional material. The embedding of the plants probably proceeded in the coasts, region of a shallow gulf of Kuban' of the Sarmatian sea lef 4) which penetrated into the Caucasian mainland. The rive which carry with them are accountagely material containing I and remains discharge here. The opencast pits of the second wickworks from which most of the material is carried away, lie on the right high Kuban' bank opposite the town of Armavir. There are 6 horizons of a total

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Some Data on the Sarmatian Plora of Armavi:

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thickness of approximately bear. Determinations were carried Juglandaceae, Platanaceae, : tulaceae, Fagaceae, and individual species. Before a Armavir flora was embedded, the

out by I. V. Palibin, P. G. : mil'chenko, and I. A. Shilkina. Totally 63 species of fossi lants were determined (Table 1), among these 5 new species: . ipleca angustifolia Kutuzk.sp.n., Celastrus palibinii Kutuzk ; n., and Loranthus praesuropaeus Kutuzk.sp.n. Dicotyledons it. the major part of the Armavir flora. The monocotyledons a much more rare and are represented mainly by reed and less requently by Typha. Remains of ferns, Gingkoaceae, and cor ers were found only rarely. 6 species of dicotyledons () arred in great abundance, they grew apparently near the on a lding places. The species of Salicaceae were the most not rous ones among the 29 families represented in the Armavir ora. Their recent analogs or closely related species gree in the Caucasus and mainly in Transcaucasia. Part of the: 3 distributed in the Mediterranean region, in Central i South Europe, some of them, however, in China, Japan, and rth America. The plant complexes of individual horizons dif: little in their systematic composition, they differ main! In the quantity conditions of

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在工程和分别的全国的国际国际国际的经验的专项和国际国际等等。 经基本证明 在工程的工程的工程的工程的工程的工程,但是否可以在工程的工程的国际国际国际国际国际国际

· Some Data on the Sarmatian Plora of Armavir

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plant material had been transported from afar. Consequently, the individual vegetation complexes of Armavir do not correspond to the individual associations, but combine elements of different plant formations. They belong to natural-polytopic complexes according to I. A. Il'inskaya (Ref 2). Plants of different vertical belts occur in the lower 5th flora-bearing horizon. On the one hand, the Armavir flora is similar to the Sarmatian flora of the Caucasus, on the other hand to the related flora of the southwest region of the European part of the USSR. This is indicative of the prevalence of a cooler climate and apparently a considerable drought in the Upper Sarmatian, accompanied by the recess of the Sarmatian waters in consequence of orogenic movements. There are 1 table and 9 Soviet references.

ASSOCIATION:

Botanicheskiy institut im. V. A. Komarova Akademii nauk SSSR (Botanical Institute imeni V. A. Komarov of the Academy of Sciences, USSR)

PRESENTED:

June 1, 1959, by V. N. Sukachev, Academician

SUBMITTED:

May 30, 1959

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